a demodulator for demodulating signals received from a multiplicity of GPS satellites at a reference GPS receiver, said reference GPS receiver being connected to the wireless telecommunications system and having a determinate physical location relative to the Base Transceiver Station;

computing means for determining an estimated location of said reference GPS receiver using said demodulated signals from said GPS satellites;

requesting means for requesting approximate locational information from the GPS-equipped mobile terminal to the Base Transceiver Station;

a transmitter for transmitting the location of said reference GPS receiver from the Base Transceiver Station to the GPS-equipped mobile terminal responsive to said request for said approximate locational information; and

determination means for determining, within said GPS-equipped mobile terminal, the approximate location of the GPS-equipped mobile terminal using said transmitted location of said reference GPS receiver.

REMARKS

Reconsideration and allowance are respectfully requested in view of the foregoing amendments and the following remarks. Applicant notes that Claims 1, 13, 24, and 36 have been amended. Therefore, Claims 1-46 are pending in the application.

In the Office Action, Claims 1, 5-8, 13, 14, 16-20, 23, 24, 28-31, 36, 37, 39-43, and 46 were rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,075,987 to

Camp, Jr. et al. (hereinafter "Camp").

With regard to Claim 1, Applicant notes that this claim has been amended such that the step of determining, from said transmitted navigational data signals, the approximate location of the GPS-equipped mobile terminal, more specifically entails the determining, within said GPS-equipped mobile terminal, and from said transmitted navigational data signals, the approximate location of the GPS-equipped mobile terminal. Therefore, in the present invention, navigational data signals are transmitted to the mobile terminal, which then utilizes the information to determine, via the GPS receiver equipped within the mobile terminal, its position.

In contrast, the Camp reference describes a system in which the user terminal obtains position information from a communications system, external to the mobile terminal (Column 6, lines 16-25). According to Camp, the user terminal "talks" to the base station within the communications system via a communications link, wherein the base station tells the user terminal its approximate location.

Moreover, in Claim 1, the step of demodulating signals received from a multiplicity of GPS satellites occurs at a reference GPS receiver connected to the wireless telecommunications system. Hence, the reference GPS receiver acquires GPS satellite signals for demodulation, and subsequently recovers navigational data from the demodulated GPS satellite signals. In contrast, Camp describes a method in which the user terminal itself searches for a GPS satellite with sufficient signal strength for demodulation, and then recovers time of week data for the signal.

Therefore, Applicant respectfully submits that Camp fails to anticipate or render obvious the features of the present invention. Reconsideration and withdrawal of the 102(e) rejection of

Claim 1, and all claims dependent therefrom, is respectfully requested.

With respect to independent Claims 13, 24, and 36, Applicant respectfully submits that these claims contain elements similar to Claim 1 and have been amended in a manner analogous to Claim 1. Applicant therefore cites the deficiencies of Camp as discussed herein above with respect to Claim 1. Thus, reconsideration and withdrawal of the 102(e) rejection of independent Claims 13, 24, and 36 is respectfully requested.

Furthermore, Claims 2-4, 15, 25-27, and 38 were rejected under 35 U.S.C. §103(a) as being unpatentable for obviousness over Camp in view of U.S. Patent No. 5,899,957 to Loomis.

With respect to these claims, Applicant first notes that these claims are dependent upon Claims 1, 13, 24, and 36, and thus cites the deficiencies of Camp with respect to Claims 1, 13, 24, and 36, as discussed herein above. Applicant further submits that Loomis fails to cure the deficiencies of Camp. Loomis generally relates to the providing of GPS pseudorange correction information over a selected geographic region, and therefore fails to describe many of the features inherent in the present invention. Therefore, Applicant respectfully submits that the combination of Camp and Loomis fails to render obvious Claims 2-4, 15, 25-27, and 38 of the present invention. Reconsideration and withdrawal of the §103(a) rejection of these claims is respectfully requested.

Claims 9, 10, 21-22, 32, 33, 44, and 45 were rejected under 35 U.S.C. §103(a) as being unpatentable for obviousness over Camp in view of U.S. Patent No. 6,094,168 to Duffet-Smith et al. (hereinafter "Duffet-Smith").

Applicant respectfully submits that these claims are dependent upon Claims 1, 13, 24, and

36, and therefore cites the deficiencies of Camp described herein above, with respect to independent Claims 1, 13, 24, and 36. Furthermore, Applicant submits that Duffet-Smith fails to cure the deficiencies of Camp. Duffet-Smith, although generally directed toward a position determining system, nevertheless fails to utilize a Global Positioning System to obtain information related to mobile terminal positioning. Therefore, Applicant respectfully submits that the combination of Camp and Duffet-Smith fails to render obvious the elements of the present invention. Reconsideration and withdrawal of the §103(a) rejection of dependent Claims 9, 10, 21-22, 32, 33, 44, and 45 is respectfully requested.

Finally, Claims 11, 12, 34, and 35 were rejected under 35 U.S.C. §103(a) as being unpatentable for obviousness over Camp in view of U.S. Patent No.5,987,319 to Hermansson et al. (hereinafter "Hermansson").

Applicant notes that Claims 11, 12, 34, and 35 are dependent upon Claims 1 and 24, and thus cites the deficiencies of Camp as discussed above, with respect to independent Claims 1 and 24. Moreover, Applicant respectfully submits that Hermansson fails to cure the aforementioned deficiencies of Camp. Hermansson, as it is generally directed to a call-set up for speech connections in a communication system, fails to describe the essential features of the present invention, and therefore fails to render obvious, in combination with Camp, Claims 11, 12, 34, and 35 of the present invention. Reconsideration and withdrawal of the §103(a) rejection of these claims is respectfully requested.

Should the Examiner have any further questions or comments facilitating allowance, the Examiner is invited to contact the Applicant's representative indicated below to further

prosecution of this application to allowance and issuance.

In view of the above, it is believed that this application is in condition for allowance, and such a Notice is respectfully requested.

Respectfully submitted,

JENKENS & GILCHRIST,
A Professional Corporation

Raymond Van Dyke
Reg. No. 34,746

Dated: January 2, 2001

1445 Ross Avenue, Suite 3200
Dallas, Texas 75202-2799
(214) 855-4708
(214) 855-4300 (fax)